

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A transmittable light-scattering sheet which comprises a light-scattering layer composed of a plurality of polymers varying in refractive index and having at least a droplet phase structure, wherein the layer has a phase separation structure formed by spinodal decomposition from a liquid phase comprising the plurality of polymers.

2. (Currently Amended) **A The** transmittable light-scattering sheet according to Claim 1, wherein an incident light is diffused isotropically, and a maximum value of scattered light intensity appears at a scattering angle of 3 to 40°.

3. (Currently Amended) **A The** transmittable light-scattering sheet according to Claim 1, wherein an average diameter of droplets in the droplet phase structure is 0.1 to 20  $\mu\text{m}$ .

4. (Currently Amended) **A The** transmittable light-scattering sheet according to Claim 1, wherein an average distance between droplet centers is 0.5 to 15  $\mu\text{m}$  and a standard deviation of the average distance is 40 % or less of the average distance in the droplet phase structure.

5. (Currently Amended) **A The** transmittable light-scattering sheet according to Claim 1, wherein the proportion of droplets in the droplet phase structure is 30 to 70 volume % based on the whole light-scattering layer.

6. (Currently Amended) **A The** transmittable light-scattering sheet according to Claim 1 which comprises a light-scattering layer scattering an incident light isotropically, wherein the light-scattering layer expresses maximum values of a scattered light intensity at two scattering angles.

7. (Currently Amended) **A The** transmittable light-scattering sheet according to Claim 6, wherein a smaller angle  $\theta_a$  of the maximum value is 2 to  $20^\circ$  in the scattered light intensity.

8. (Currently Amended) **A The** transmittable light-scattering sheet according to Claim 6, the ratio of a smaller angle  $\theta_a$  to a larger angle  $\theta_b$  of maximum values is  $\theta_b/\theta_a = 1.5$  to 10.

9. (Currently Amended) **A The** transmittable light-scattering sheet according to Claim 6, wherein the light-scattering layer has

at least a droplet or an island-in an ocean phase structure, and a distribution of particle size of dispersed phase in the phase structure has two peaks at different average particle sizes.

10. (Currently Amended) **A The** transmittable light-scattering sheet according to Claim 1, wherein a total light transmittance is 70 to 100 %.

11. (Currently Amended) **A The** transmittable light-scattering sheet according to Claim 1, wherein a difference between refractive indexes of **a the** plurality of polymers is 0.01 to 0.2.

12. (Currently Amended) **A The** transmittable light-scattering sheet according to Claim 1, wherein **a the** plurality of polymers comprises a first polymer and a second polymer selected from a styrenic resin, a (meth)acrylic resin, a vinyl ester-series resins, a vinyl ether-series resin, a halogen-containing resin, an alicyclic olefinic resin, a polycarbonate-series resin, a polyester-series resin, a polyamide-series resin, a silicone-series resin, a cellulose derivative and a rubber or an elastomer, and the ratio of the first polymer to the second polymer is the former/the latter = 10/90 to 90/10 (weight ratio).

13. (Currently Amended) **A The** transmittable light-scattering sheet according to Claim 1, wherein at least one polymer comprises ~~s~~ a cellulose ester.

14. (Currently Amended) **A The** transmittable light-scattering sheet according to Claim 1, wherein at least one polymer comprises a cellulose acetate.

15. (Cancelled)

16. (Currently Amended) **A The** transmittable light-scattering sheet according to Claim 1, which comprises a transparent support and the light-scattering layer laminated on at least one side of the transparent support.

17. (Currently Amended) **A The** transmittable light-scattering sheet according to Claim 16, wherein the transparent support is optically isotropic.

18. (Currently Amended) **A The** transmittable light-scattering sheet according to Claim 16, wherein the transparent support comprises cellulose acetate film.

19. (Withdrawn) A process for producing a light-scattering sheet, which comprises removing or evaporating a solvent from a liquid mixture composed of a plurality of polymers varying in refractive index to form a light-scattering layer having at least a droplet phase structure due to spinodal decomposition.

20. (Withdrawn) **A The** process according to Claim 19, which comprises applying the liquid mixture on a transparent support and removing a solvent in the liquid mixture to form a phase separation structure.

21. (Withdrawn) **A The** process according to Claim 19, which comprises applying a solution, in which a plurality of polymers varying in refractive index is dissolved homogenously, on a cellulose acetate film coated with a coating layer having solvent-resistance, and removing a solvent in the solution to form a droplet phase structure due to spinodal decomposition.

22. (Currently Amended) A reflective liquid crystal display unit which comprises a liquid crystal cell having a liquid crystal sealed therein, a reflecting means for reflecting an incident light disposed behind the liquid crystal cell, and **a the** light-scattering

sheet recited in Claim 1 disposed forwardly of the reflecting means.

23. (Currently Amended) **A The** reflective liquid crystal display unit according to Claim 22, wherein a polarizing plate is disposed forwardly of the liquid crystal cell, and **a the** light-scattering sheet recited in Claim 1 is disposed between the liquid crystal cell and the polarizing plate.

24. (Currently Amended) **A The** reflective liquid crystal display unit according to Claim 22, which comprises a liquid crystal cell having a liquid crystal sealed therein, a reflecting means for reflecting an incident light disposed on one side of the liquid crystal cell, a polarizing means for polarizing an reflective light is disposed on the other side of the liquid crystal cell, and **a the** light-scattering sheet recited in Claim 1 disposed between the liquid crystal cell and the polarizing means.

25. (New) The transmittable light-scattering sheet according to Claim 1, wherein the plurality of polymers vary in refractive index.